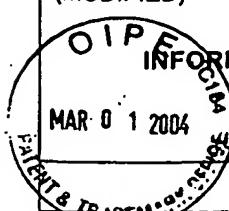


| | | | | |
|--|-----------------------------|--|-------------------|----------------|
| Form PTO-1449 (MODIFIED)  Use several sheets if necessary | U.S. DEPARTMENT OF COMMERCE | | ATTY. DOCKET NO. | SERIAL NO. |
| | PATENT AND TRADEMARK OFFICE | | 023829-0221 | 10/722, 359 |
| | APPLICANT | | Michael A. Porter | |
| | FILING DATE | | 11/25/03 | GROUP ART UNIT |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----|-----------------|------------|------------------|-------|-----------|----------------------------|
| <i>An</i> | A1 | 6,056,903 | 05/02/2000 | Greenwood et al. | | | |
| | A2 | 5,939,182 | 08/17/1999 | Huang et al. | | | |
| | A3 | 5,760,182 | 06/02/1998 | Adachi et al. | | | |
| | A4 | 5,707,522 | 01/13/1998 | Maeda et al. | | | |
| | A5 | 5,658,714 | 08/19/1997 | Westfall et al. | | | |
| | A6 | 5,554,292 | 09/10/1996 | Maeda et al. | | | |
| <i>An</i> | A7 | 5,503,746 | 04/02/1996 | Gagnon | | | |

FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|-----------|-----|-----------------|------------|----------------|-------|-----------|-------------|
| | | | | | | | YES NO |
| <i>An</i> | A47 | GB 1 540 376 | 02/14/1979 | Great Britain | | | |
| <i>An</i> | A48 | 1 580 051 | 11/26/1980 | United Kingdom | | | |
| <i>An</i> | A49 | WO 98/12209 | 03/26/1998 | PCT | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|---|
| <i>An</i> | A50 | International Search Report for PCT/US01/43304 dated December 19, 2002 (2 pages). |
| | A51 | Cheryan, "Mass Transfer Characteristics of Hollow Fiber Ultrafiltration of Soy Protein Systems," <u>J. Food Proc. Eng.</u> , 1, pp. 269-287 (1977). |
| | A52 | Gould et al., "A Practical Approach to Controlling the Fouling of Ultrafiltration Membranes: A Case Study of the Successful Development of a Commercial Soy Protein Application," available @ http://www.osmonics.com/products/Page823.htm (available at least by Dec. 3, 1999). |
| | A53 | Lawhon et al., "Processing Whey-Type By-Product Liquids from Cottonseed Protein Isolation with Ultrafiltration and Reverse Osmosis Membranes," <u>J. Food Proc. Eng.</u> , 1, pp. 15-35 (1977). |
| | A54 | Lawhon et al., "Production of Protein Isolates and Concentrates from Oilseed Flour Extracts using Industrial Ultrafiltration and Reverse Osmosis Systems," <u>Journal of Food Science</u> , 42, pp. 389-394 (1977). |
| | A55 | Lawhon et al., "Optimization of Protein Isolate Production from Soy Flour Using Industrial Membrane Systems," <u>Journal of Food Science</u> , 43, pp. 361-369 (1978). |
| | A56 | Lawhon et al., "Alternate Processes for Use in Soy Protein Isolation by Industrial Ultrafiltration Membranes," <u>Journal of Food Science</u> , 44, pp. 213-219 (1979). |
| | A57 | Lawhon et al., "Soy Protein Ingredients Prepared by New Processes-Aqueous Processing and Industrial Membrane Isolation," <u>Journal of the American Oil Chemists' Society</u> , 58, pp. 377-383 (Mar. 1981). |
| <i>An</i> | A58 | Lawhon et al., "Production of Oil and Protein Food Products from Raw Peanuts by Aqueous Extraction and Ultrafiltration," <u>Journal of Food Science</u> , 46, pp. 391-395 (1981). |
| <i>An</i> | A59 | Lawhon et al., "Combining Aqueous Extraction and Membrane Isolation Techniques to Recover Protein and Oil from Soybeans," <u>Journal of Food Science</u> , 46, pp. 912-916 (1981). |

| EXAMINER | DATE CONSIDERED |
|----------------------|-----------------|
| <i>Anthony Wiles</i> | 1/5/06 |

- * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

| Form PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 023829-0221 | SERIAL NO. 10/722,359 | | |
|--|-----|--|------------|---------------------------------|--------------------------|-----------|----------------------------|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | APPLICANT | | Michael A. Porter | | | |
| | | FILING DATE | | GROUP ART UNIT | | | |
| | | 11/25/03 | | To be determined | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
| | A8 | 5,476,590 | 12/19/1995 | Brose et al. | | | |
| | A9 | 5,456,843 | 10/10/1995 | Koenhen | | | |
| | A10 | 5,290,448 | 03/01/1994 | Sluma et al. | | | |
| | A11 | 5,086,166 | 02/04/1992 | Lawhon et al. | | | |
| | A12 | 5,039,420 | 08/13/1991 | Klein et al. | | | |
| | A13 | 5,000,848 | 03/19/1991 | Hodgins et al. | | | |
| | A14 | 4,943,374 | 07/24/1990 | Heininger et al. | | | |
| | A15 | 4,943,373 | 07/24/1990 | Onishi et al. | | | |
| | A16 | 4,906,379 | 03/06/1990 | Hodgins et al. | | | |
| | A17 | 4,897,465 | 01/30/1990 | Cordle et al. | | | |
| | A18 | 4,889,921 | 12/26/1989 | Diosady et al. | | | |
| | A19 | 4,787,976 | 11/29/1988 | Parham et al. | | | |
| | A20 | 4,697,004 | 09/29/1987 | Puski et al. | | | |
| | A21 | 4,624,805 | 11/25/1986 | Lawhon | | | |
| | A22 | 4,420,425 | 12/13/1983 | Lawhon | | | |
| | A23 | 4,332,719 | 06/01/1982 | Lawhon et al. | | | |
| | A24 | 4,324,805 | 04/13/1982 | Olsen | | | |
| | A25 | 4,293,571 | 10/06/1981 | Olofsson et al. | | | |
| | A26 | 4,256,652 | 03/17/1981 | Kidani et al. | | | |
| | A27 | 4,252,652 | 02/24/1981 | Elfert et al. | | | |
| | A28 | 4,163,010 | 07/31/1979 | Garbutt | | | |
| | A29 | 4,147,745 | 04/03/1979 | Sano et al. | | | |
| | A30 | 4,125,527 | 11/14/1978 | Buhler et al. | | | |
| | A31 | 4,091,120 | 05/23/1978 | Goodnight, Jr. et al. | | | |
| | A32 | 4,088,795 | 05/09/1978 | Goodnight, Jr. et al. | | | |
| | A33 | 4,075,361 | 02/21/1978 | Oberg | | | |
| | A34 | 4,072,670 | 02/07/1978 | Goodnight, Jr. et al. | | | |
| | A35 | 4,069,103 | 01/17/1978 | Müller | | | |
| | A36 | 4,028,468 | 06/07/1977 | Hohner et al. | | | |

Anthony Weier

1506

| | | | |
|---|--|---------------------------------|------------------------------------|
| Form PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 023829-0221 | SERIAL NO. 10/722,359 |
| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | APPLICANT Michael A. Porter | |
| | | FILING DATE 11/25/03 | GROUP ART UNIT To be determined |

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

| | |
|-----|---|
| A60 | Lawhon et al., "New Techniques in Membrane Processing of Oilseeds," <u>Food Technology</u> , <u>38</u> , pp. 97-106 (1984). |
| A61 | Nichols et al., "Production of Soy Isolates by Ultrafiltration: Factors Affecting Yield and Composition," <u>J. Food Sci.</u> , <u>46</u> , pp. 367-372 (1981). |
| A62 | Okubo et al., "Preparation of Low-Phytate Soybean Protein Isolate and Concentrate by Ultrafiltration," <u>Cereal Chemistry</u> , <u>52</u> , pp. 263-271 (1975). |
| A63 | Omosaiye et al., "Removal of Oligosaccharides from Soybean Water Extracts by Ultrafiltration," <u>J. Food Sci.</u> , <u>43</u> , pp. 354-360 (1978). |
| A64 | Omosaiye et al., "Ultrafiltration of Soybean Water Extracts: Processing Characteristics and Yields," <u>J. Food Sci.</u> , <u>44</u> , pp. 1027-1031 (1979). |
| A65 | Omosaiye et al., "Low-Phytate, Full-Fat Soy Protein Product by Ultrafiltration of Aqueous Extracts of Whole Soybeans," <u>Cereal Chem.</u> , <u>56</u> , pp. 58-62 (1979). |
| A66 | Osmonics, "Osmonics® UltraFiltric ® M-Series Membrane Engineered to be 'Fouling-Free,'" available @ http://www.osmonics.com/scripts/PressTmpl.asp?PressRelID=307 (dated Oct. 4, 1999). |
| A67 | Osmonics, "UltraFiltric Membranes," available @ http://www.osmonics.com/products/Page918.htm (available at least by Nov. 15, 2000). |
| A68 | Porter et al., "Membrane ultrafiltration," <u>Chem. Tech.</u> , pp. 56-63 (Jan. 1971). |
| A69 | S. K. Sayed Razavi, J. L. Harris, F. Sherkat, "Fouling and cleaning of membranes in the ultrafiltration of the aqueous extract of soy flour," <u>Journal Of Membrane Science</u> , <u>114</u> (1996), pp. 93-104. |
| A70 | Torok, "The Filtration Spectrum," available @ http://www.osmonics.com/products/Page710.htm (Published in "Filtration News" on May 1, 1994). |
| A71 | United Soybean Board, "Soy Protein Isolate" available @ http://www.talksoy.com/isolate.htm (available at least by Sept. 6, 2000). |

| | | | |
|--|--|----------------------|-------------------|
| Substitute for form 1449A/PTO (modified) | | Application Number | 10/722359 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Filing Date | November 25, 2003 |
| (use as many sheets as necessary) | | First Named Inventor | Porter, Michael A |
| JUN 27 2005 | | Art Unit | 1761 |
| Page 1 of 1 | | Examiner Name | |
| | | Attorney Case Number | CGL02/0124US01 |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|----------------------------------|---|--|---|
| Exam. Init.* | Cite No. | Document Number | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Doc. Number-(Kind Code if Known) | | | |
| | A1 | US- | | | |
| | A2 | US- | | | |
| | A3 | US- | | | |
| | A4 | US- | | | |
| | A5 | US- | | | |
| | A6 | US- | | | |
| | A7 | US- | | | |
| | A8 | US- | | | |
| | A9 | US- | | | |

| Foreign Patent Documents | | | | | | |
|--------------------------|-------------|-------------------------|----------------------------|--------------------------------|--|---|
| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Ctry. Code | Number-KindCode (if known) | | | |
| | B1 | WO | 02/100186 A2 | 12-19-2002 | | |
| | B2 | | | | | |
| | B3 | | | | | |
| | B4 | | | | | |
| | B5 | | | | | |
| | B6 | | | | | |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | |
|--|-------------|--|
| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
| | C1 | |
| | C2 | |
| | C3 | |

| | |
|--|--------------------------------|
| *Examiner: <i>Anthony Alvaro</i> | Date Considered: <i>1/5/06</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |